

In the claims:

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27. (New) A bioaerosol impaction sampling device, comprising:
a housing including a first portion and a second portion which are in releasable engagement with each other;
a slide disposed in said housing and in communication with an inlet passageway formed in said housing;
a recessed portion being formed in said housing and sized to receive at least a portion of said slide;
said housing having a bore formed adjacent to said recessed portion, said bore being sized such that air can flow around said microscopic slide and outlet opening;
a vacuum source in communication with said outlet opening; and
said inlet passageway having an outer inlet opening and an inner inlet opening, wherein said outer inlet opening is larger than said inner inlet opening.
28. (New) The device of claim 27, wherein said first portion is a top cap and said second portion is a base.
29. (New) The device of claim 28, wherein said inlet passageway is formed in said top cap.
30. (New) The device of claim 28, wherein said recess is formed in said base.
31. (New) The device of claim 27, wherein said inner inlet opening is configured as a slit.
32. (New) The device of claim 31, wherein said slit is generally rectangular.
33. (New) The device of claim 23, wherein said inlet passageway has a venturi portion.
34. (New) The device of claim 27 wherein said inlet passageway has a laminar portion and a venturi portion with said laminar portion being located adjacent said inner inlet opening.

35. (New) An impaction air sampler, comprising:
a housing having an upper portion and a lower portion;
a retaining mechanism formed in said housing for holding a slide placed therein;
an inlet passageway being formed in said housing adjacent said slide;
said housing having a bore, which is sized to allow air to flow around said slide; and

an outlet passage in communication with said bore at one end and a vacuum source at another end.

36. (New) The sampler of claim 35, wherein said retaining mechanism is a recess.

37. (New) The sampler of claim 35, wherein said inlet passageway is formed in said upper housing.

38. (New) The sampler of claim 35, wherein said inlet passageway has a venturi portion.

39. (New) The sampler of claim 35, wherein said inlet passageway has a laminar portion.

40. (New) The sampler of claim 39, wherein said inlet passageway has a venturi portion with said laminar portion being located adjacent said slide.

41. (New) The sampler of claim 35, wherein said inlet passageway has an inner inlet opening that is configured as a slit.

42. (New) The sampler of claim 41, wherein said slit has a generally rectangular shape.

It is submitted that all pending claims are in condition for allowance and a Notice of Allowance is earnestly solicited.